

STAEBELL & ASSOCIATES
903 N. Bowser Road, STE 370
Richardson, Texas 75081
(214) 341-7885

email humidors2@gmail.com

UH303 Ultra Sonic Humidifier w Set & Forget Control—System set for 70%

Components

- 1 ea UH303 UltraSonic Humidifier
- 1 ea 530 Digital Control
- 1 ea 12VDC power supply
- 1 ea 8 ft power cable extension
- 1 ea 15 ft connecting cable-control-humidifier

Assembly & Mounting

Position the humidifier on a shelf or use the mounting bracket & position high up the wall. **Distance from the ceiling is 26-30"** Unit weighs 35 lbs. Make certain the shelf can support the weight—One can use the mounting bracket to support the humidifier on the shelf as well.

Hook the humidifier to the Reverse Osmosis treated water source with a std. ¼" line that conforms to local building code. Allow the water to fill the humidifier for several hours before plugging in & turning on the system. **Approximately ¾ Gallon of water must be in the chamber before the ultrasonics will operate. If you are setting up a new R/O system it may take a couple of hours to build up enough water to trigger the system.**

The Ultrasonic unit is plugged in to a standard 110V outlet.

The 530 digital control is mounted away from the direct air flow from the humidifier—usually on an adjacent wall. The 12VDC power supply & ext. cable are plugged into a std. 110V outlet & connected to the control (P).

The 15 ft humidification connecting cable (H) is plugged into the outlet on the H output on control & connected to the humidifier input H.

The system is preset for 70%. One may adjust up or down as desired per the operator manual.

OPERATION OF DIGITAL “SET & FORGET”

We do not recommend that you precondition by wiping down the humidifier. The risk of wood warping is usually due to rapid changes in moisture. Allow the humidification system to bring the humidifier up to the desired RH.

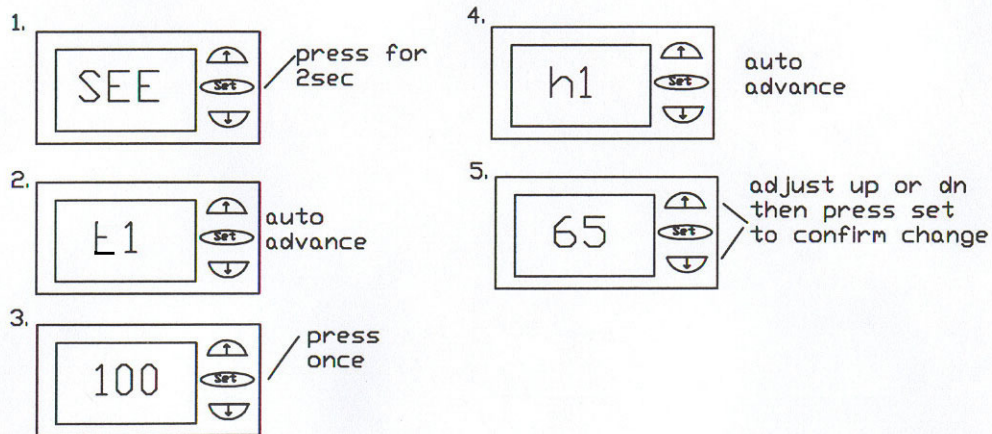
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The Controller has been preset to maintain 70% humidity. The system will turn on when the RH drops below 68%. The display will alternate between temperature (067) preceded by an upside down F & RH (h) with a decimal point—ie-65.5%

Changing the RH Set Point

Press the **Set** button for 2 seconds until the symbol “**SEE**” appears in the window & release button. The symbol-upside down “**F 1**” will appear in the window followed by the temp #100. For RH only cabinets this should read **100**.

Push the **Set** button again & the symbol “**h1**” will appear followed by the number **65**. This is the RH setting. Use the **UP & Down** arrows to change the RH setting to desired level. Press the set button to confirm new #'s & the control will return to operation.



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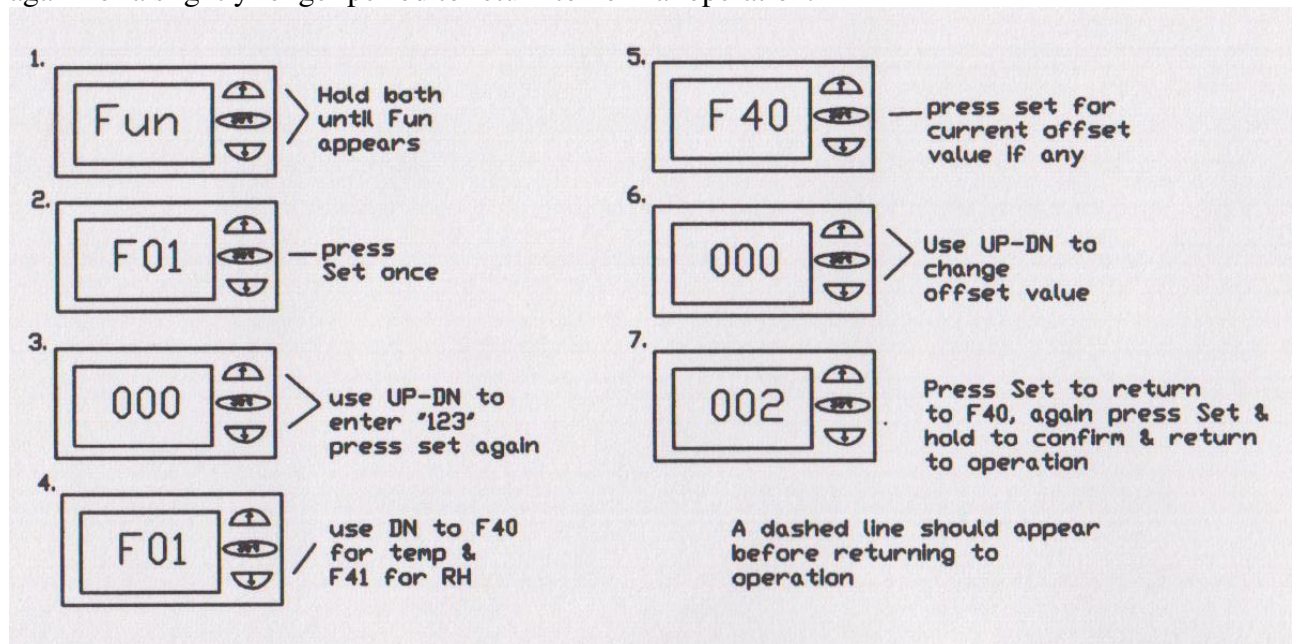
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Changing the temperature or RH display offset

Any electronic hygrometer is subject to drift in calibration over time. If you find differences in readings between the Set & Forget & other devices or you experience a change in the way your cigars “feel & smoke” one can change the temp or RH reading to correct the drift.

Simultaneously press the **Up & Down** buttons until the symbol “**Fun**” appears in the display. The symbol “**F01**” will follow shortly. Press the **Set** button (short touch) & bring up the display “**000**”. Using the **UP-Down** arrow keys enter the code “**123**”, then press the **Set** button again to confirm code.

Use the Down Key to access **F40** for temperature or **F41** for RH. Press the **Set** button to access the current offset value. Use the **Up-Down** buttons to change the value to desired reading. Press the **Set** button to confirm & return to **F40** or **F41** then press **Set** & hold again for a slightly longer period to return to normal operation.



The humidifier is warranted for 1 years from date of purchase. Control warranted for 2 years. Staebell & Associates warranty include humidifier & electronics, but does not include damage or loss to the humidor or contents of the humidor.

Please do not hesitate to call me if you have questions.
Bob Staebell

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ALLOW 3-5 DAYS CONDITIONING PERIOD BEFORE ADDING YOUR CIGARS.

The humidifier will run much more frequently as the wood absorbs moisture on it's way to a stable RH. That frequency of release of higher moisture air may be absorbed by your cigars during the break in period if placed in the cabinet too soon. After 2-3 days the unit will operate on a normal cycle. **Do not** wipe down the inside with water to speed the process up.

Additional notes

- 1) Allow the humidor to stabilize at 68% for several days(3-4) before placing cigars in the humidor. Take particular care to avoid directly over the air flow from the resevoir as the air coming out of the fan is 80%+ RH. After the cabinet is stabilized the unit will run less frequently & provide an overall stable environment

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Installation Note: Position the humidifier so that the discharge tube does not hit the ceiling & curve downward- If there is not enough height available, the tube may be trimmed a few inches on the end that inserts into the humidifier. The discharge end of the tube should be at 90 degrees or slightly upward to prevent any droplets from dripping.



Staebell & Associates
Ultrasonic 303 w high output tube